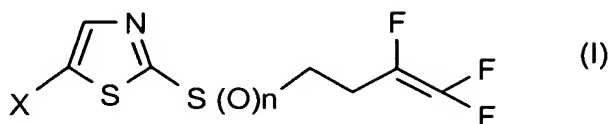


**Patent claims**

1. A synergistic composition, characterized in that it comprises an active compound combination comprising

- (a) one or more active compounds of the formula (I)



in which

X represents halogen and

n represents 0, 1 or 2

("active compounds of group 1")

10 and

- (b) one or more active compounds from one or various of the following groups (b1) to (b7):

15 (b1) aldicarb, alanycarb, aldoxycarb, aminocarb, bendiocarb, benfuracarb, BPMC, bufencarb, butocarboxim, carbaryl, carbofuran, carbosulfan, cloethocarb, ethiofencarb, fenobucarb, fenoxycarb, furathiocarb, isoprocarb, metam-sodium, methiocarb, methomyl, metolcarb, metolcarb, oxamyl, phosphocarb, pirimicarb, promecarb, propoxur, thiodicarb, thiofanox, trimethacarb, XMC, xylylcarb ("carbamates");

20 (b2) imidacloprid, acetamiprid, AKD 1022, clothianidin, dinetofuran, nitenpyram, thiacloprid, thiamethoxam ("neonicotinoids");

(b3) fipronil, acetoprole, ethiprole, fenpyroximate, vaniliprole ("pyrazoles");

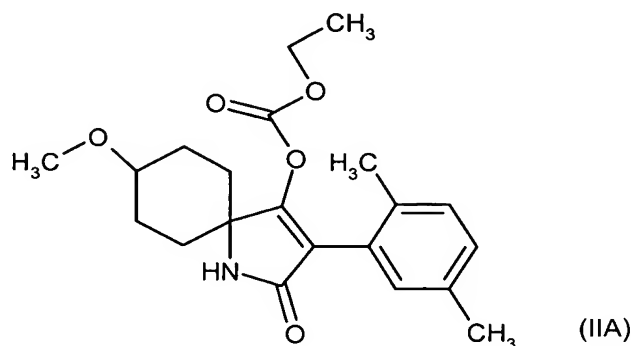
(b4) spinosad, abamectin, avermectin, emamectin, emamectin-benzoate, ivermectin, milbemectin, milbemycin, moxidectin, thuringiensin ("macrolides");

25 (b5) tebupirimfos, azamethiophos, azinphos-ethyl, azinphos-methyl, bromophos-ethyl, butathiofos, cadusafos, carbophenothion, chlorethoxyfos, chlorpyrifos, chlorpyrifos, chlorpyrifos-ethyl, chlorpyrifos-methyl, coumaphos, cyanophos,

demeton, demeton-S-methyl, demeton-S-methyl-sulfone, dialifos, diazinon, dichlofenthion, dimethoate, disulfoton, ethion, ethoprophos, etrimfos, fenitrothion, fensulfothion, fenthion, flupyrzafos, fonofos, formothion, fosmethilan, iodofenphos, iprobenfos, isazofos, isoxathion, malathion, mecarbam, mesulfenfos, methacrifos, methidathion, omethoate, oxydemeton-methyl, parathion-methyl, phenthoate, phorate, phosalone, phosmet, phosphocarb, phoxim, pirimiphos-ethyl, pirimiphos-, methyl, profenofos, prothiofos, prothoate, pyraclofos, pyridaphenthion, pyridathion, quinalphos, sulfotep, sulprofos, temephos, terbufos, thiatriphos, thiometon, triazophos, vamidothion (**“thiophosphates”** or **“dithiophosphates”**), or

(b6) tefluthrin, resmethrin, acrinathrin, allethrin (1R isomer), alpha-cypermethrin, beta-, cyfluthrin, beta-cypermethrin, bifenthrin, bioallethrin, bioallethrin (S-cyclopentyl isomer), bioethanomethrin, biopermethrin, bioresmethrin, brofenprox, chloethocarb, chlovaporthrin, cis-cypermethrin, cis-resmethrin, clocythrins, cycloprothrin, cyfluthrin, cyhalothrin, cypermethrin, cyphenothrin (1R-trans isomer), deltamethrin, dimefluthrin, eflusilanate, empenthrin (1R isomer), esfenvalerate, etofenprox, fenfluthrin, fenpropathrin, fenpyrithrin, fenvalerate, flubrocycythrinate, flubrocycythrinate, flucythrinate, flufenprox, flufenprox, flumethrin, fluvalinate, fubfenprox, gamma-cyhalothrin, halfenprox, imiprothrin, kadethrin, lambda-cyhalothrin, metofluthrin, MIT-800, permethrin, phenothrin (1R-trans isomer), prallethrin, profluthrin, protrifenbute, pyresmethrin, pyrethrum, RU-12457, RU-15525, silafluofen, tau-fluvalinate, tetramethrin (1R isomer), theta-cypermethrin, tralocycythrins, tralomethrin, transfluthrin, zeta-cypermethrin (**“pyrethroids and pyrethroid analogs”**);

(b7) Compound of the formula (IIA)



(carboxylic acid, 3-(2,5-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec 3-ene-4-yl ethyl ester, (9Cl));

("active compounds of group 2").

2. The synergistic composition as claimed in claim 1, characterized in that it comprises one or more compounds of the formula (I) in which

X represents fluorine, chlorine or bromine and

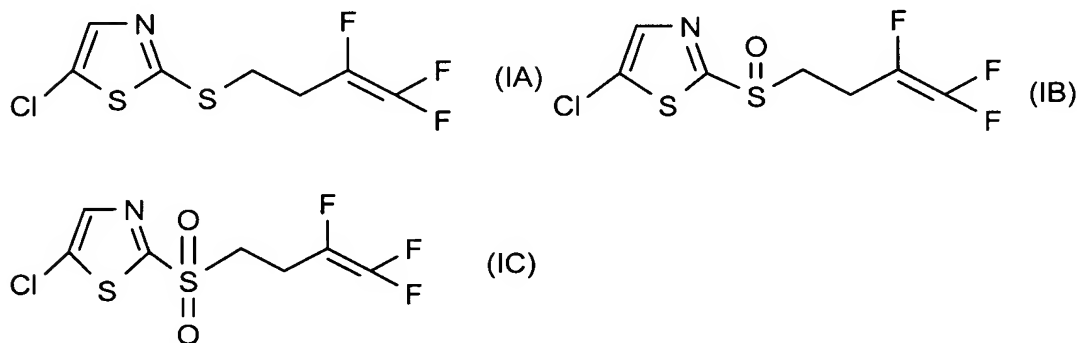
n represents 0 or 2.

3. The synergistic composition as claimed in claim 1, characterized in that it comprises one or more compounds of the formula (I) in which

X represents fluorine or chlorine and

n represents 2.

4. The synergistic composition as claimed in claim 1, characterized in that it comprises, as active compounds of group 1, one or more compounds of the formulae (IA), (IB) or (IC)



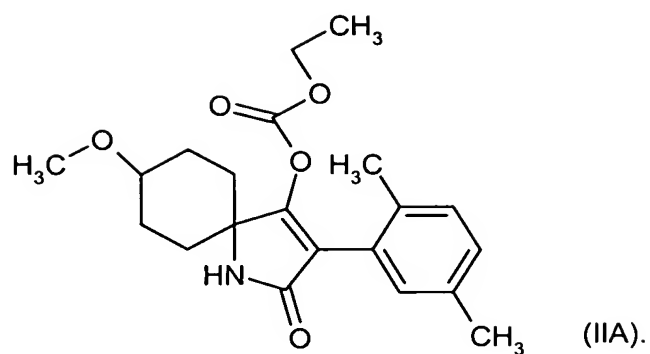
15

5. The synergistic composition as claimed in claim 1, characterized in that it comprises, as active compound of group 1, the compounds of the formula (IC).

6. The synergistic composition as claimed in any of claims 1 to 5, characterized in that it comprises, as active compounds of group 2, one or more of the following active compounds:

20

aldicarb, clothianidin, imidacloprid, fipronil, spinosad, tefluthrin, tebufospyr, compound of the formula (IIA)



7. The use of a composition as claimed in any of claims 1 to 6 for controlling pests.
8. A method for controlling pests, characterized in that a composition as claimed in any of claims 1 to 6 is allowed to act on the pests and/or their habitat.
- 5 9. A process for preparing synergistic compositions, characterized in that a composition as claimed in any of claims 1 to 6 is mixed with surfactants and/or extenders.